

FIG. 1

4670327 sheet 8 of 8

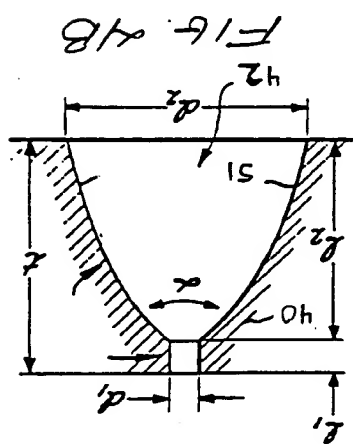
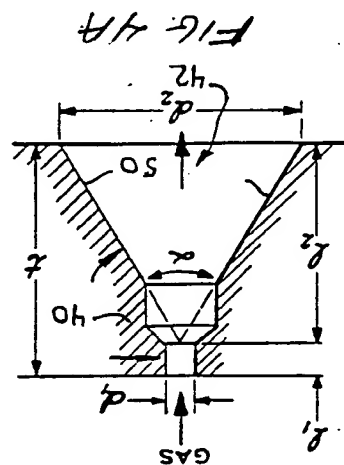


FIG. 2

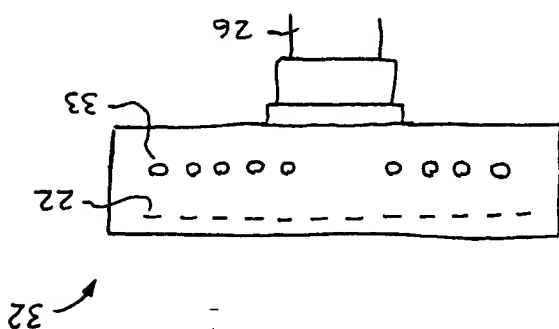
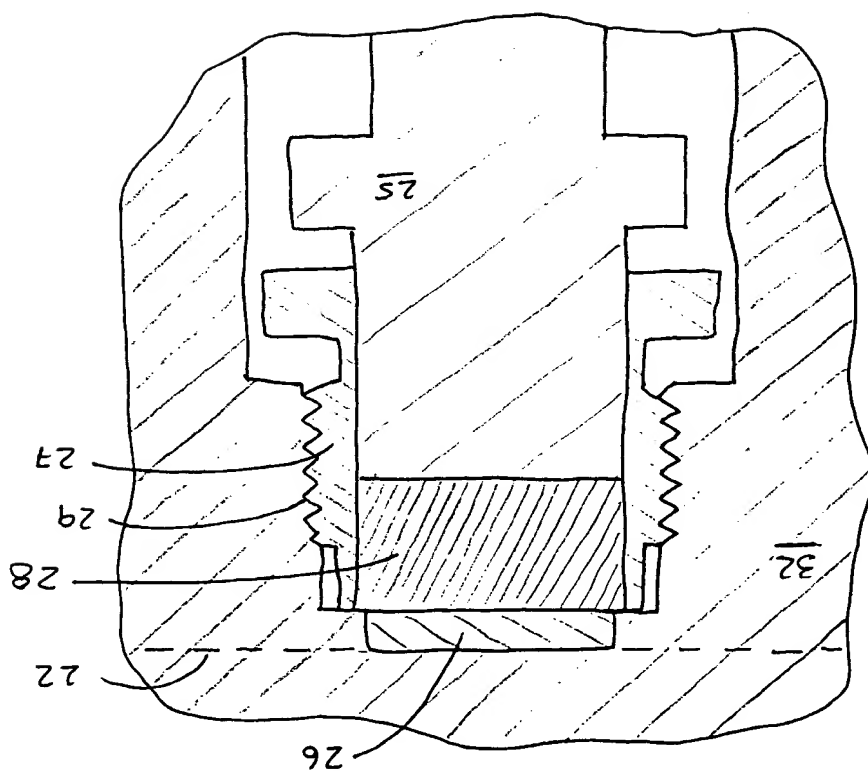


FIG. 3



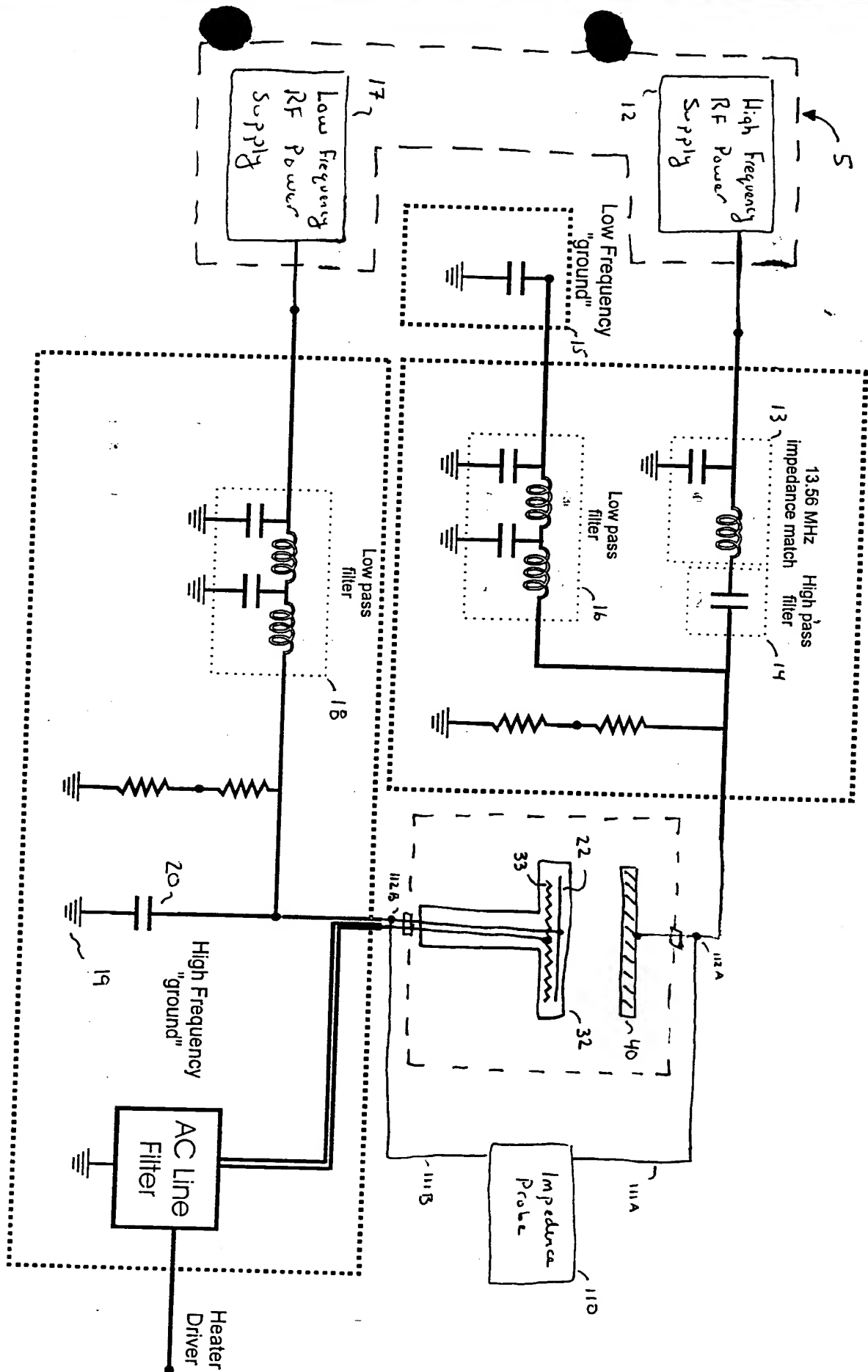
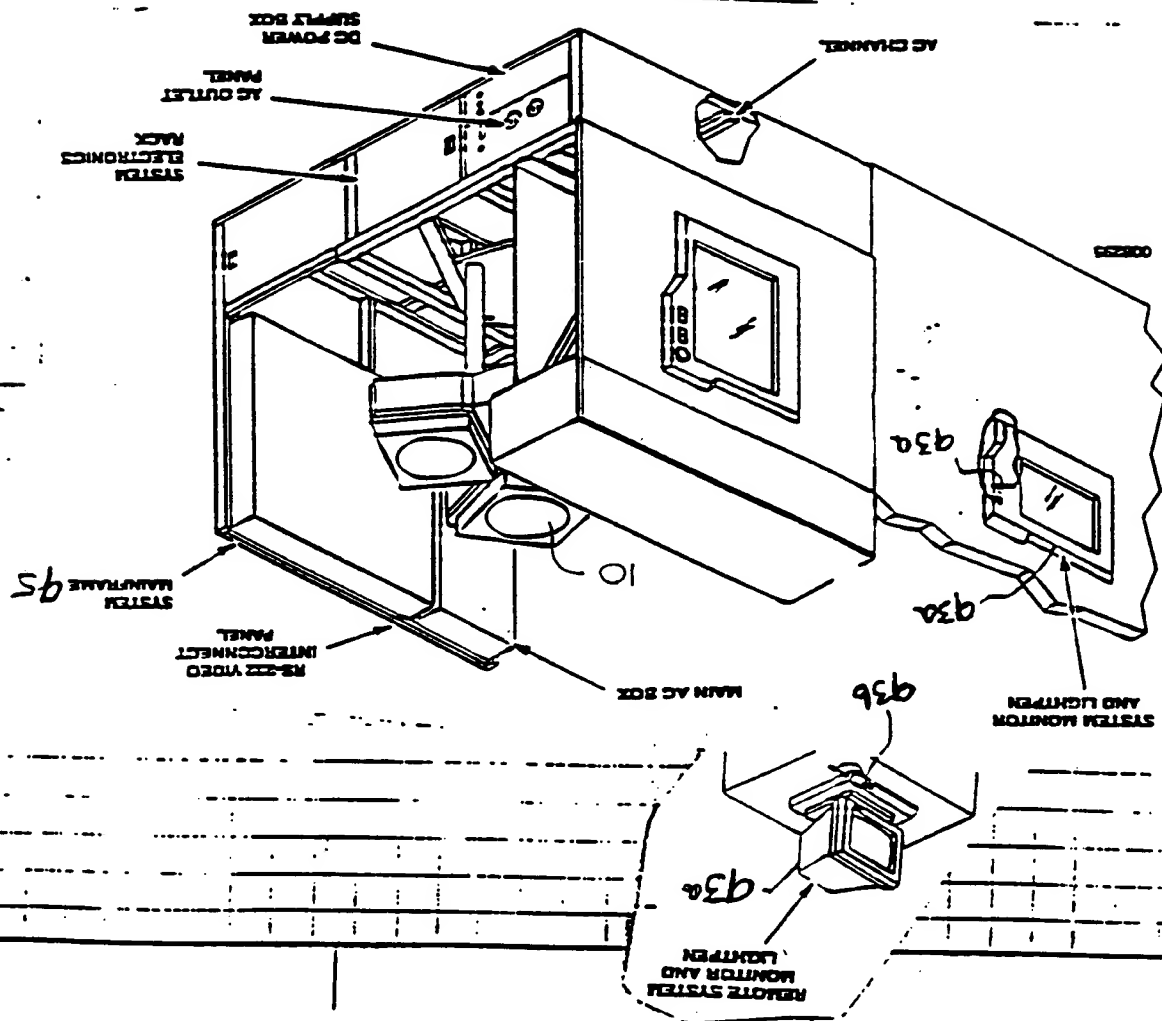


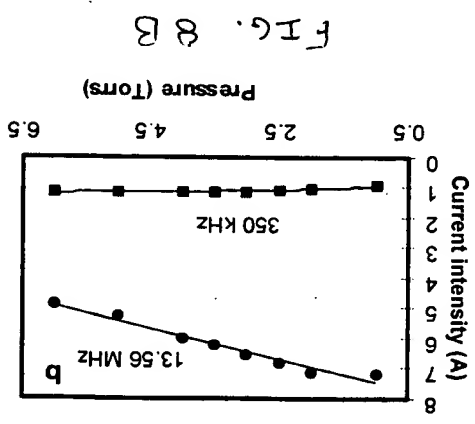
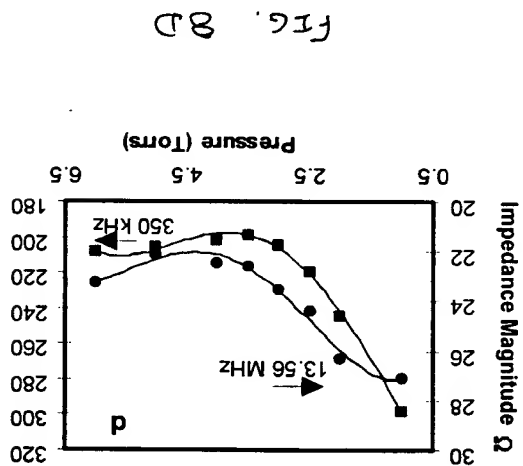
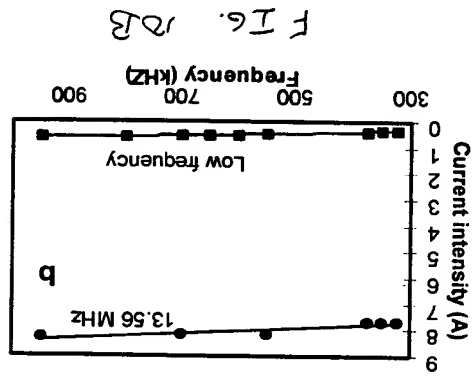
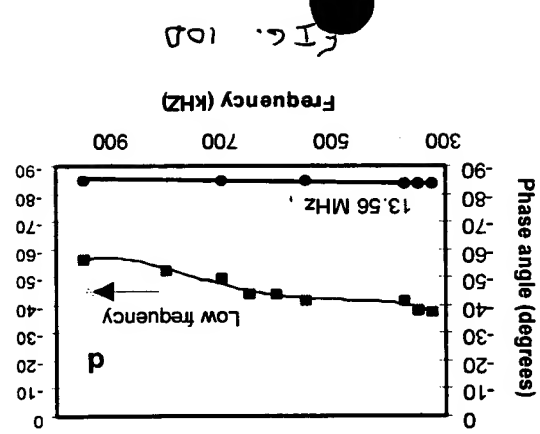
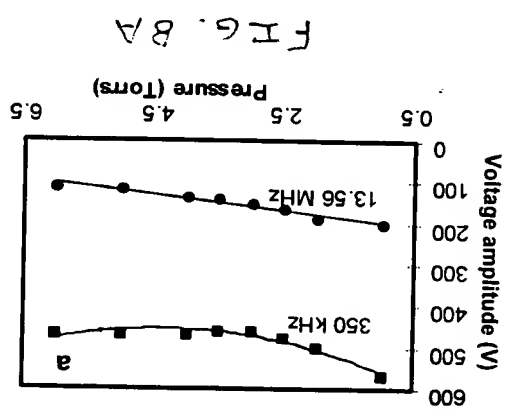
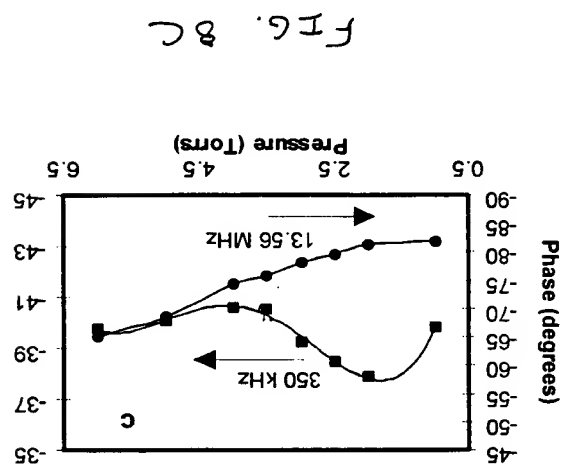
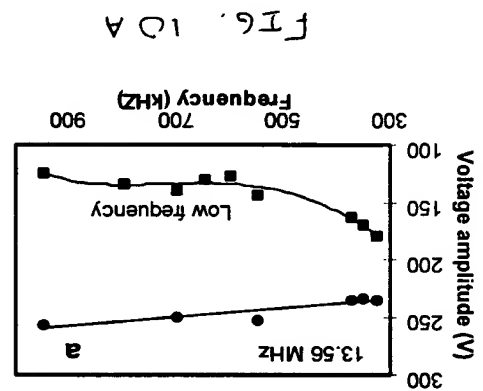
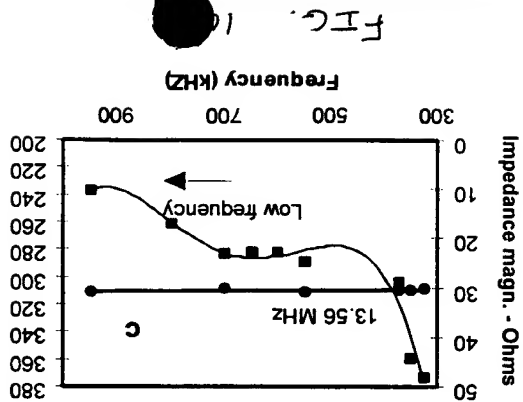
FIG. 5

Fig. 6





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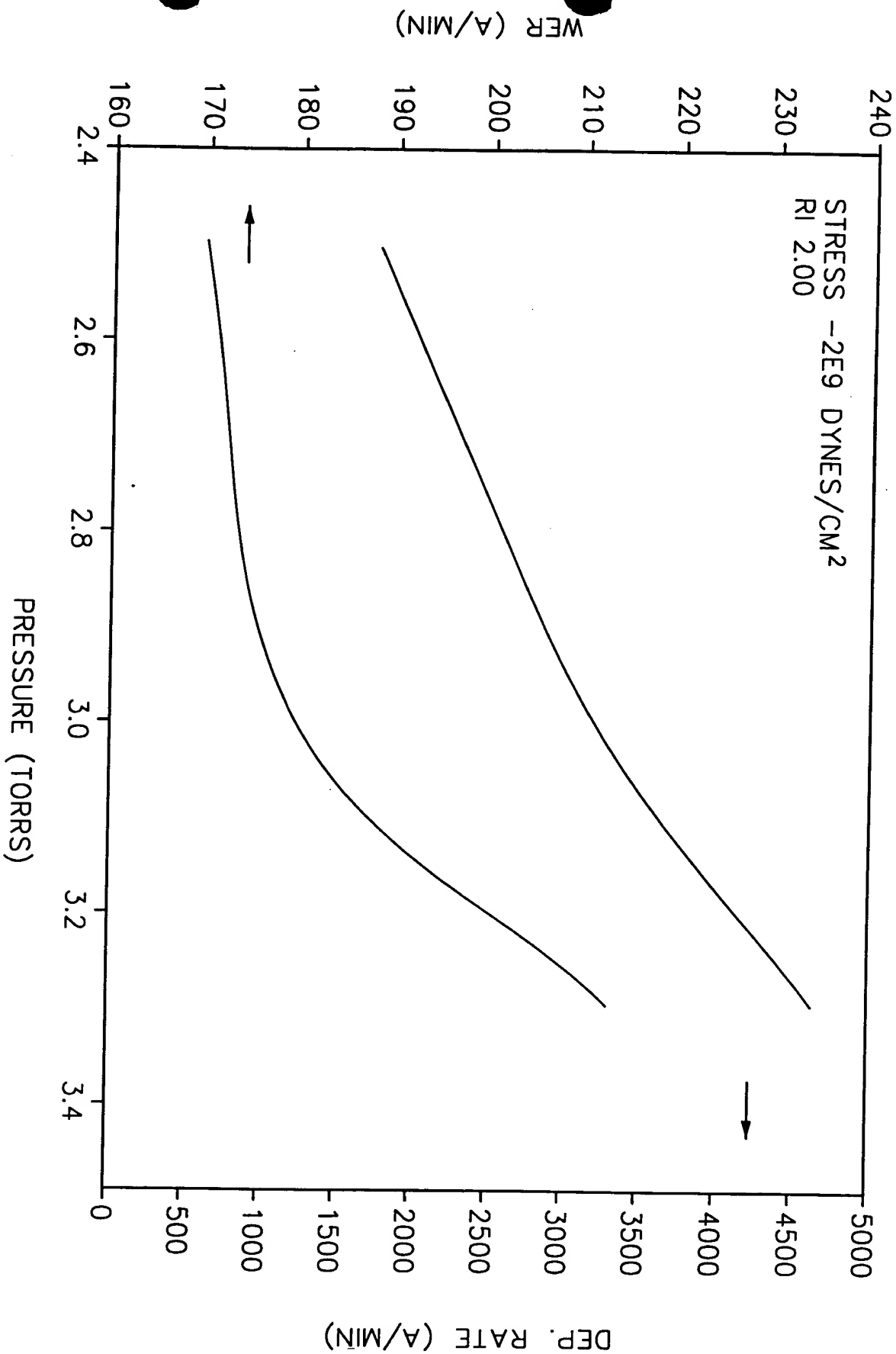


FIG. 9



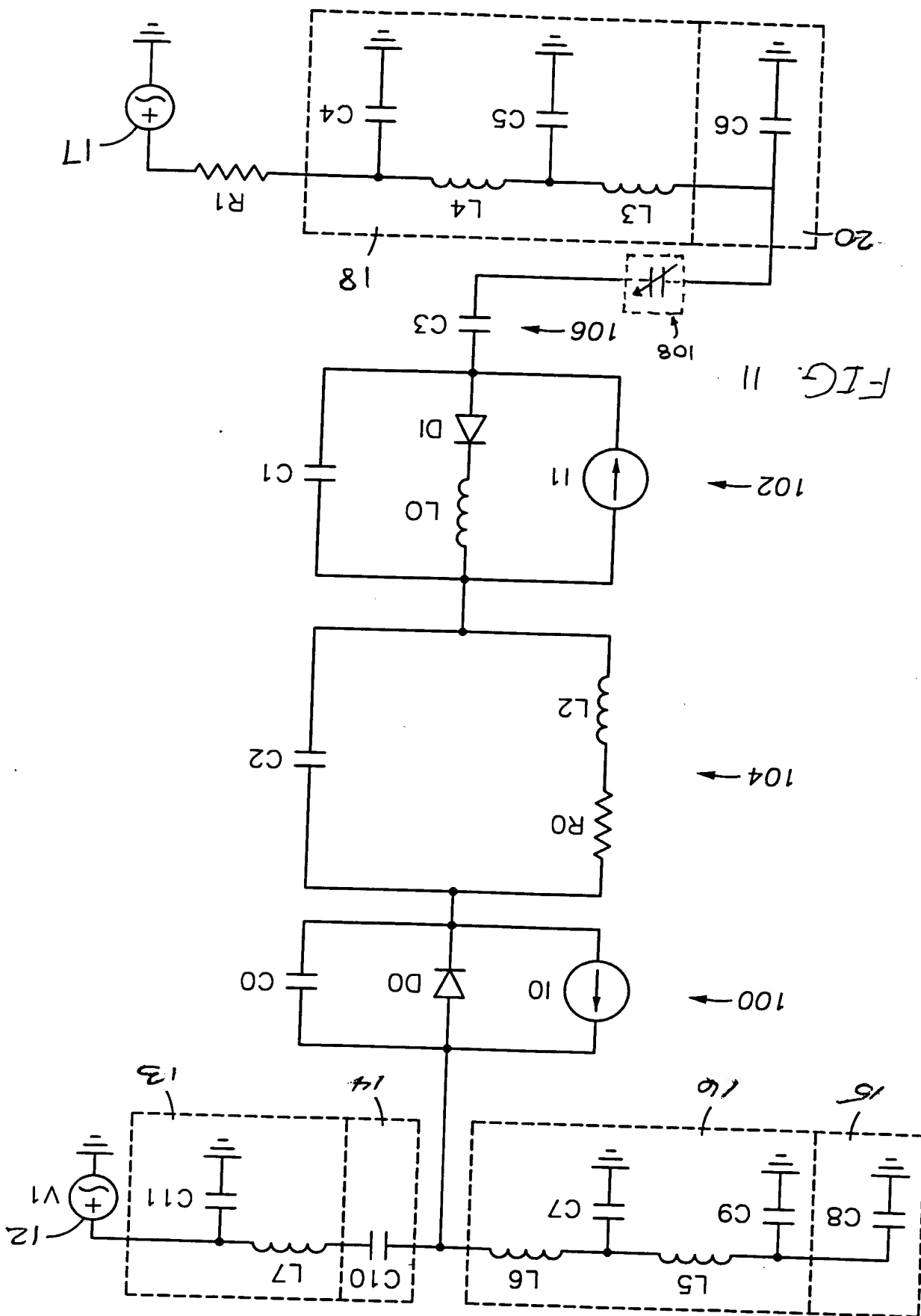


FIG. 11



Stress variation

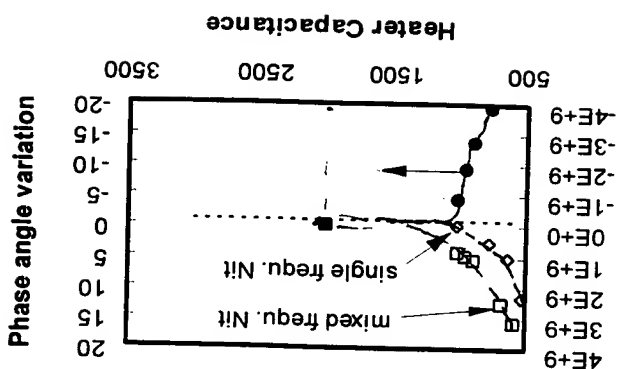


FIG. 14

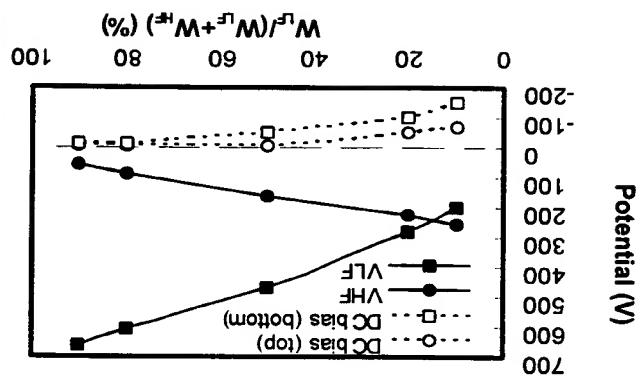


FIG. 15

FIG. 13

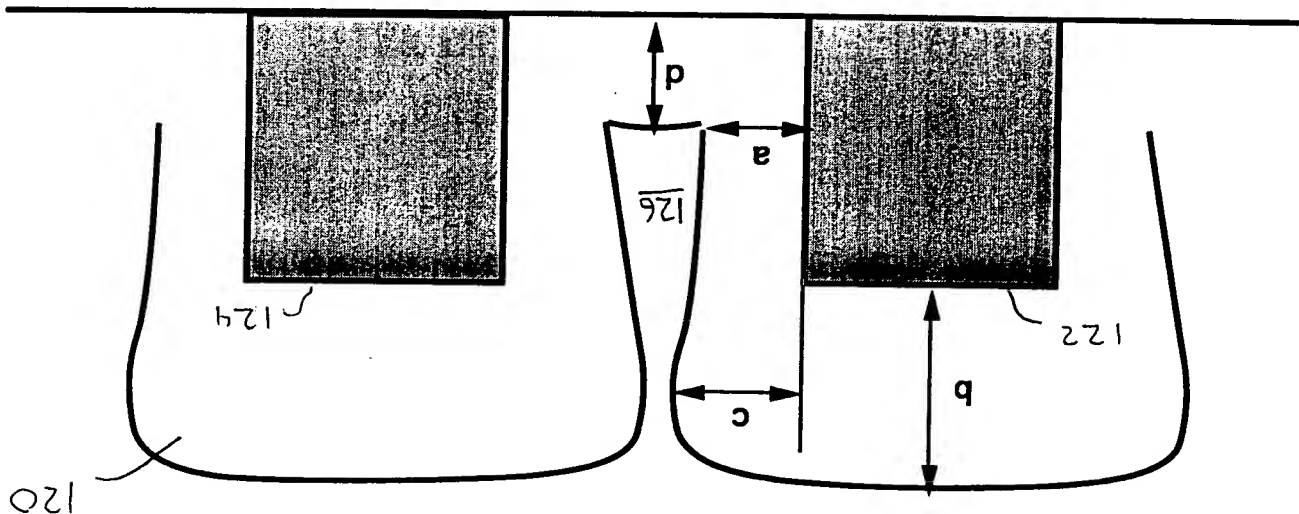


FIG. 12A

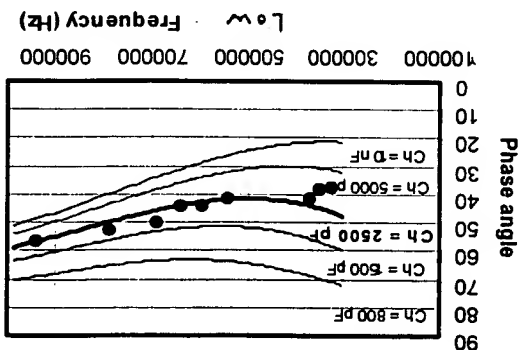
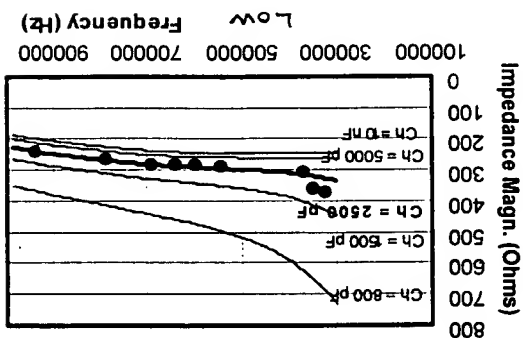


FIG. 12B



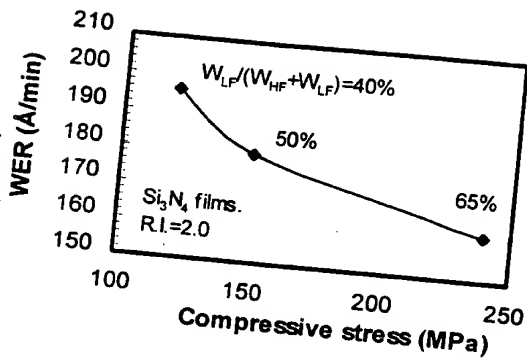


FIG. 16

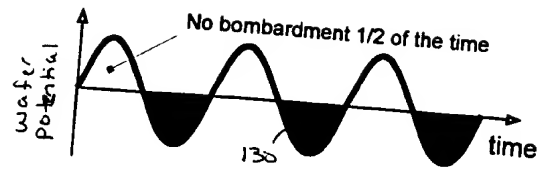


FIG. 17A

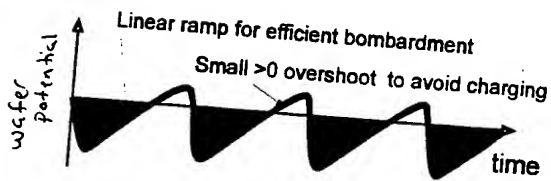


FIG. 17B

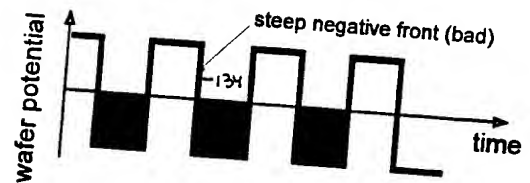


FIG. 17D

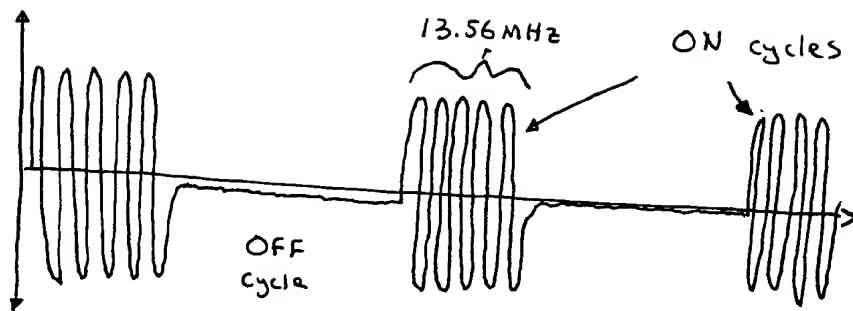


Fig. 18

